AMENDMENTS TO THE CLAIMS

Claims 1-15 (Canceled)

16. (New) A method for foam manufacture in a foam manufacturing equipment designed for use with a blowing agent containing at least one hydrochlorofluorocarbon comprising using a composition comprising at least one hydrofluorocarbon blowing agent and a non-halogenated polar organic compound having an atmospheric boiling point of from 30°C to 150°C.

17. (New) The method according to claim 16, wherein the non-halogenated polar organic compound is an oxygenated compound.

18. (New) The method according to claim 17, wherein the non-halogenated polar organic compound is ethanol.

19. (New) The method according to claim 16, wherein the hydrofluorocarbon comprises 1,1-difluoroethane (HFC-152a).

20. (New) The method according to claim 19, wherein the hydrofluorocarbon comprises further 1,1,1,2-tetrafluoroethane.

21. (New) The method according to claim 16, wherein the content of non-halogenated polar organic compound having an atmospheric boiling point of from 30°C to 150°C in the composition comprising the hydrofluorocarbon blowing agent and the non-halogenated polar organic compound is from 7 to 18% by weight.

22. (New) The method according to claim 21, wherein the content of non-halogenated polar organic compound is from more than 10 to 15% by weight.

23. (New) The method according to claim 16, wherein the foam manufacturing equipment is designed for use with a mixture of chlorodifluoromethane (HCFC-22) and 1,1-Difluoro-1-chloroethane (HCFC-142b),

24. (New) The method according to claim 23, wherein the foam manufacturing equipment is designed for use with a mixture of (HCFC-22) and (HCFC-142b), in a weight ratio HCFC-22/HCFC-142b of 40:60.

25. (New) The method according to claim 16, wherein the foam manufacturing equipment is an extruder for manufacture of extruded polystyrene foam.

26. (New) The method according to claim 16, wherein the composition is supplied to the foam manufacturing equipment as a mixture of its components.

27. (New) The method according to claim 16, wherein the at least one hydrofluorocarbon and the non-halogenated polar organic compound of the composition are supplied separately to the foam manufacturing equipment.

28. (New) The method according to claim 16, wherein the production rate of foam product is 85 to 110% relative to the production rate of the foam manufacturing equipment when operated with HCFC-blowing agent.

29. (New) Composition comprising at least one hydrofluorocarbon blowing agent and a non-halogenated polar organic compound having an atmospheric boiling point of from 30°C to 150°C wherein the content of the non-halogenated polar organic compound in the composition is from more than 10 to 15 % by weight.

30. (New) A thermoplastic foam manufacturing process comprising of 1,1,1,3,3-pentafluoropropane and/or 1,1,1,3,3-pentafluorobutane for improving the stability of a thermoplastic foam manufacturing process.